

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Summary of results for all ancient samples analyzed in this study.

File Name: Supplementary Data 2

Description: Y-chromosome derived marker assignation for each method/database used.

File Name: Supplementary Data 3

Description: qpAdm admixture modelling results.

File Name: Supplementary Data 4

Description: qpAdm admixture results for the CIP when considering Romans and Punics as sources of steppe ancestry.

File Name: Supplementary Data 5

Description: qpAdm admixture results for regions and island populations.

File Name: Supplementary Data 6

Description: qpAdm admixture results for individuals.

File Name: Supplementary Data 7

Description: Heterozygosity values obtained for all the populations considered.

File Name: Supplementary Data 8

Description: Runs of Homozygosity observed for the CIP using hapROH.

File Name: Supplementary Data 9

Description: Effective population size (N_e) results when correcting for sampling bias.

File Name: Supplementary Data 10

Description: Bottleneck events inferred using ASCEND.